

Title (en)
SUPPORT SUBSTRATE FOR RADIOISOTOPE PRODUCTION, TARGET PLATE FOR RADIOISOTOPE PRODUCTION, AND PRODUCTION METHOD FOR SUPPORT SUBSTRATE

Title (de)
TRÄGERSUBSTRAT ZUR RADIOISOTOPHERSTELLUNG, ZIELPLATTE ZUR RADIOISOTOPHERSTELLUNG UND HERSTELLUNGSVERFAHREN FÜR TRÄGERSUBSTRAT

Title (fr)
SUBSTRAT DE SUPPORT POUR LA PRODUCTION DE RADIO-ISOTOPES, PLAQUE CIBLE POUR LA PRODUCTION DE RADIO-ISOTOPES, ET PROCÉDÉ DE PRODUCTION D'UN SUBSTRAT DE SUPPORT

Publication
EP 3447774 A1 20190227 (EN)

Application
EP 17786034 A 20170420

Priority
• JP 2016085301 A 20160421
• JP 2017015932 W 20170420

Abstract (en)
Provided is a target plate for radioisotope production that has sufficient durability and sufficient heat resistance for use in radioisotope production and that is capable of reducing the extent of radioactivation. In a target plate (10) for radioisotope production, a support substrate (2), which supports a target (1), includes a graphite film(s). The thermal conductivity in a surface direction of the graphite film(s) is 1200 W/(m·K) or greater, and the thickness of the graphite film(s) is 0.05 μm or greater and 100 μm or less.

IPC 8 full level
G21K 5/08 (2006.01); **C01B 32/205** (2017.01); **C01B 32/21** (2017.01); **G21G 1/10** (2006.01); **G21G 4/08** (2006.01)

CPC (source: EP US)
B32B 9/007 (2013.01 - US); **B32B 15/04** (2013.01 - US); **C01B 32/205** (2017.07 - EP US); **C01B 32/21** (2017.07 - US); **G21G 1/10** (2013.01 - EP US); **G21G 4/08** (2013.01 - US); **G21K 5/08** (2013.01 - US); **H05H 6/00** (2013.01 - EP); **C01P 2006/10** (2013.01 - US); **C01P 2006/32** (2013.01 - US); **C01P 2006/40** (2013.01 - US); **H05H 6/00** (2013.01 - US); **H05H 2277/116** (2013.01 - EP)

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Designated extension state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 17786034 A 20170420; CN 201780013388 A 20170420; JP 2017015932 W 20170420; JP 2018513215 A 20170420; US 201716077377 A 20170420